## IN THE CLAIMS

1. (Currently Amended) A printing method comprising:

providing a substrate having a surface coated with a film coating comprising between at least 2529% and 50% nano-silica by weight in a polymeric binder; and

printing on the coated surface with a liquid toner comprising pigmented polymer particles and a carrier liquid.

- 2. (Currently Amended) A printing method according to claim 1 wherein the coating polymeric binder comprises an acrylic material.
- 3. (Original) A printing method according to claim 2 wherein the acrylic material comprises a cross-linked polyacrylic ester.
- 4. (Previously Presented) A printing method according to claim 1 wherein the coating is UV cured.
- 5. (Cancelled).
- 6. (Currently amended) A printing method according to claim 5 1 wherein the coating comprises at least 35% silica.
- 7. (Original) A printing method according to claim 6 wherein the coating comprises at least 40% silica.
- 8. (Original) A printing method according to claim 7 wherein the coating comprises at least 45% silica.
- 9. (Cancelled).
- 10. (Previously Presented) A printing method according to claim 1 wherein the silica has a size of between 5 and 50 nanometers.
- 11. (Cancelled).

12. (Currently amended) A printing method according to claim 11 10 wherein the silica has a size of between 10 and 20 nanometers.

# 13-15. (Cancelled).

- 16. (Previously Presented) A printing method according to claim 1 wherein the coating further comprises an anchorage agent.
- 17. (Original) A printing method according to claim 16 wherein the anchorage agent comprises an amine material.

## 18-20. (Cancelled)

- 21. (Currently Amended) A printing method according to claim 18 17 wherein the substance is poly(propylene oxide).
- 22. (Currently Amended) A printing method according to claim 18 17 wherein the substance is poly-oxyethelene.
- 23. (Previously Presented) A printing method according to claim 1 wherein the substrate and the pigmented particles are both acidic.
- 24. (Previously Presented) A printing method according to claim I wherein the substrate is coated with a polyamide coating between the coating containing silica and the substrate.

## 25. (Canceled)

26. (Previously Presented) A printing method according to claim 1 wherein the material of the substrate is chosen from the group consisting of PET, PVC and polycarbonate.

### 27. (Canceled)

28. (Previously Presented) A printing method according to claim 1 wherein the coating forms a substantially smooth surface.

- 29. (Previously Presented) A printing method according to claim 1 wherein the substrate is a sheet of material.
- 30. (Previously Presented) A printing method according to claim 1 wherein the substrate is a disk.
- 31. (Previously Presented) A printing method according to claim 1 wherein the surface of the coating is continuous.
- 32. (Cancelled)
- 33. (Currently Amended) A substrate comprising:
  - a sheet of polymer; and
- a printable coating in the form of a film, on the polymer sheet comprising at least 25% between 29% and 50% nano-silica by weight of total solids in a polymeric binder.
- 34. (Currently amended) A coated substrate according to claim 33 wherein the eoating polymeric binder comprises an acrylic material.
- 35. (Original) A coated substrate according to claim 34 wherein the acrylic material comprises a cross-linked polyacrylic ester.
- 36. (Previously Presented) A coated substrate according to claim 33 wherein the coating is UV cured.
- 37. (Cancelled)
- 38. (Currently Amended) A coated substrate according to claim 37 33 wherein the coating comprises at least 35% silica.
- 39. (Original) A coated substrate according to claim 38 wherein the coating comprises at least 40% silica.

40. (Original) A coated substrate according to claim 39 wherein the coating comprises at least 45% silica.

# 41. (Cancelled)

- 42. (Previously Presented) A coated substrate according to claim 33 wherein the silica has a size of between 5 and 50 nanometers.
- 43. (Original) A coated substrate according to claim 42 wherein the silica has a size of between 10 and 40 nanometers.

# 44-47. (Cancelled)

- 48. (Previously Presented) A coated substrate according to claim 33 wherein the coating further comprises an anchorage agent.
- 49. (Original) A coated substrate according to claim 48 wherein the anchorage agent comprises an amine material.
- 50. (Original) A coated substrate according to claim 49 wherein the amine material comprises a diamine terminated substance.
- 51. (Original) A coated substrate according to claim 49 wherein the amine material comprises a monoamine terminated substance.
- 52. (Original) A coated substrate according to claim 49 wherein the amine material comprises a triamine terminated substance.
- 53. (Previously presented) A coated substrate according to claim 50 wherein the substance is poly(propylene oxide).
- 54. (Currently Amended) A printing method coated substrate according to claim 50 wherein the substance is poly-oxyethelene.

- 55. (Previously Presented) A coated substrate according to claim 33 wherein the substrate is acidic.
- 56. (Previously Presented) A coated substrate according to claim 33 wherein the substrate is coated with a polyamide coating between the coating containing silica and the sheet.
- 57. (Previously Presented) A coated substrate according to claim 33 wherein the material of the sheet is chosen from the group consisting of PVC, PET and polycarbonate.
- 58 59. (Canceled)
- 60. (Previously Presented) A coated substrate according to claim 33 wherein the coating is smooth.
- 61. (Previously Presented) A printing method according to claim 29 wherein the sheet is flexible.
- 62. (Previously Presented) A printing method according to claim 61 wherein the resultant print on the sheet is a transparency.
- 63. (Currently Amended) A eoated substrate-printing method according to claim 29 wherein the sheet is flexible.
- 64. (Currently Amended) A coated substrate printing method according to claim 63 wherein the substrate is a transparency.
- 65. (New) A printing method comprising:

providing a substrate having a surface coated with a film coating comprising between 25% and 50% nano-silica by weight in a film formed of a polymeric binder; and

printing on the coated surface with a liquid toner comprising pigmented polymer particles and a carrier liquid.

- 66. (New) A printing method according to claim 65 wherein the polymeric binder comprises an acrylic material.
- 67. (New) A printing method according to claim 66 wherein the acrylic material comprises a cross-linked polyacrylic ester.

- 68. (New) A printing method according to claim 65 wherein the coating is UV cured.
- 69. (New) A printing method according to claim 65 wherein the coating comprises at least 35% silica.
- 70. (New) A printing method according to claim 69 wherein the coating comprises at least 40% silica.
- 71. (New) A printing method according to claim 70 wherein the coating comprises at least 45% silica.
- 72. (New) A printing method according to claim 65 wherein the silica has a size of between 5 and 50 nanometers.
- 73. (New) A printing method according to claim 72 wherein the silica has a size of between 10 and 20 nanometers.
- 74. (New) A printing method according to claim 65 wherein the coating further comprises an anchorage agent.
- 75. (New) A printing method according to claim 74 wherein the anchorage agent comprises an amine material.
- 76. (New) A printing method according to claim 75 wherein the substance is poly(propylene oxide).
- 77 (New) A printing method according to claim 75 wherein the substance is poly-oxyethelene.
- 78. (New) A printing method according to claim 65 wherein the substrate is coated with a polyamide coating between the coating containing silica and the substrate.
- 79. (New) A printing method according to claim 65 wherein the material of the substrate is chosen from the group consisting of PET, PVC and polycarbonate.

- 80. (New) A printing method according to claim 65 wherein the substrate is a sheet of material.
- 81. (New) A printing method according to claim 65 wherein the coating is smooth.
- 82. (New) A substrate comprising:
  - a sheet of polymer; and
- a printable coating in the form of a film, on the polymer sheet comprising between 25% and 50% nano-silica by weight of total solids in a film of a polymeric binder.
- 83. (New) A coated substrate according to claim 82 wherein the polymeric binder comprises an acrylic material.
- 84. (New) A coated substrate according to claim 83 wherein the acrylic material comprises a cross-linked polyacrylic ester.
- 85. (New) A coated substrate according to claim 82 wherein the coating contains at least 30% silica.
- 86. (New) A coated substrate according to claim 85 wherein the coating comprises at least 35% silica.
- 87. (New) A coated substrate according to claim 86 wherein the coating comprises at least 40% silica.
- 88. (New) A coated substrate according to claim 87 wherein the coating comprises at least 45% silica.
- 89. (New) A coated substrate according to claim 82 wherein the silica has a size of between 5 and 50 nanometers.
- 90. (New) A coated substrate according to claim 89 wherein the silica has a size of between 10 and 20 nanometers.
- 91. (New) A coated substrate according to claim 82 wherein the silica is not chemically bound to the rest of the coating.

- 92. (New) A coated substrate according to claim 82 wherein the silica is chemically bound to the rest of the coating.
- 93. (New) A coated substrate according to claim 82 wherein the material of the sheet is chosen from the group consisting of PVC, PET and polycarbonate.